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OM nucleic - nucleic search, using sw model

Run on: November 9, 2001, 00:20:02 ; Search time 41.37 Seconds
(without alignments)
10623.411 Million cell updates/sec

Post-processing: Listing first 45 summaries

Database : Pending_Patents_NA_New:*
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3: /cgn2_6/ptodata/1/pna/US07_NEW_COMB.seq:*
4: /cgn2_6/ptodata/1/pna/US08_NEW_COMB.seq:*
5: /cgn2_6/ptodata/1/pna/US09_NEW_COMB.seq:*
6: /cgn2_6/ptodata/1/pna/US60_NEW_COMB.seq:*

Title: US-09-227-881-3
Perfect score: 6169
Sequence: 1 atctttgttcagttacctc..........cttgtgccctccatgtcag 6169

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 89966 seqs, 35620888 residues

Word size : 8

Total number of hits satisfying chosen parameters: 162376

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	626	10.1	2061	5	US-09-844-653-172	Sequence 172, App
2	48	0.8	14748	1	PCT-US01-30412-1	Sequence 1, Appli
3	44	0.7	65507	1	PCT-US01-30411-1	Sequence 1, Appli
4	43	0.7	346	5	US-09-772-553-418	Sequence 418, App
5	43	0.7	422	5	US-09-922-340-3256	Sequence 3256, Ap
6	43	0.7	423	5	US-09-922-340-3189	Sequence 3189, Ap
7	43	0.7	448	5	US-09-922-340-3190	Sequence 3190, Ap
8	43	0.7	38855	5	US-09-973-278-930	Sequence 930, App
9	43	0.7	39287	1	PCT-US01-30877-1	Sequence 1, Appli
10	42	0.7	426	5	US-09-922-340-312	Sequence 312, App
11	41	0.7	401	5	US-09-795-668-546	Sequence 546, App
12	41	0.7	401	5	US-09-922-340-4105	Sequence 4105, Ap
13	39	0.6	478	5	US-09-922-340-2868	Sequence 2868, Ap
14	39	0.6	438	5	US-09-922-340-437	Sequence 437, App
15	39	0.6	451	5	US-09-922-340-4088	Sequence 4088, Ap
16	39	0.6	481	5	US-09-922-665-7	Sequence 7, Appli
17	39	0.6	1187	5	US-09-963-333-7	Sequence 7, Appli
18	39	0.6	1187	5	US-09-962-677-7	Sequence 7, Appli
19	39	0.6	1187	5	US-09-962-665-8	Sequence 8, Appli
20	39	0.6	18597	5	US-09-963-333-8	Sequence 8, Appli
21	39	0.6	18597	5	US-09-962-677-8	Sequence 8, Appli
22	39	0.6	18597	5	US-09-962-665-79	Sequence 79, Appl
23	39	0.6	148831	5	US-09-969-708-79	Sequence 79, Appl
24	39	0.6	1503841	5	US-09-795-668-1	Sequence 1, Appli
25	37	0.6	412	5	US-09-922-340-1773	Sequence 1773, Ap
26	37	0.6	443	5	US-09-922-340-1774	Sequence 1774, Ap
27	37	0.6	4824	5	US-09-960-253-160	Sequence 160, App
28	37	0.6	31502	1	PCT-US01-32003-1	Sequence 1, Appli
29	37	0.6	64467	1	US-09-803-671B-3	Sequence 3, Appli
30	36	0.6	401	5	US-09-795-668-809	Sequence 809, App
31	36	0.6	427	5	US-09-922-340-10708	Sequence 10708, A
32	36	0.6	501	5	US-09-689-908-63	Sequence 63, Appl
33	36	0.6	506	5	US-09-922-340-3029	Sequence 3029, Ap
34	36	0.6	468	5	US-09-922-340-3932	Sequence 3932, Ap
35	35	0.6	508	5	US-09-922-340-3041	Sequence 3041, Ap
36	35	0.6	31502	1	PCT-US01-32003-1	Sequence 1, Appli
37	35	0.6	48841	5	US-09-844-653-32	Sequence 32, Appl
38	35	0.6	402850	5	US-09-689-908-457	Sequence 457, App
39	34	0.6	349	5	US-09-844-653-5	Sequence 5, Appli
40	34	0.6	422	5	US-09-973-278-736	Sequence 736, App
41	34	0.6	2966	5	US-09-844-653-32	Sequence 32, Appl
42	34	0.6	48841	5	US-09-969-708-79	Sequence 79, Appl
43	34	0.6	148831	5	US-09-795-668-1	Sequence 1, Appli
44	34	0.6	1503841	5	US-09-689-908-106	Sequence 106, App
45	33	0.5	353	5	US-09-689-908-106	Sequence 106, App

ALIGNMENTS

RESULT 1
US-09-844-653-172
Sequence 172, Application US/09844653

; GENERAL INFORMATION:
; APPLICANT: Richards, Julia
; APPLICANT: Rozsa, Frank
; TITLE OF INVENTION: Detecting and Treating Eye Disease
; FILE REFERENCE: UM-06105
; CURRENT APPLICATION NUMBER: US/09/844,653
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 172
; LENGTH: 2061
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-844-653-172

Query Match 10.1%; Score 626; DB 5; Length 2061;
Best Local Similarity 100.0%; Pred. No. 1.8e-278;
Matches 626; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1 gaagcctcacacaagcctctgcaatgaggtctttctgcacgttgctgcagctttgggcc    60

Qy   5375 tgagatgccagctgtccagctgtgctgtcctgcctggctgtgtgggatgtggggggcag   5434
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Db     61 tgagatgccagctgtccagctgtgctgtcctgcctggtcgtgtgggatgtggggggcag    120

Qy   5435 gacagctcagctgtccaggaagccaatgaccagagtgaccagagtatacttcagtgt    5494
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Qy   5495 ggccagtcccaatgaatccagctgctgtcccagagcagagagagagtggccagtatcatca  5554
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Db    181 ggccagtcccaatgaatccagctgctgtcccagagcagagagagagtggccgatgtcatccata 240

Qy   5555 cttacagagagacagcagccacccaaacgcttagacctggaggccacacaaagctcgactcag 5614
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    241 cttacagagagacagcaccaaacgcttagacctggaggccacacaaagctcgactcag     300

Qy   5615 ctccctggagagcctccaccaattgacctggaccaggctggacaggccccagggagac   5674
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Db    301 ctccctggagagcctcctcaccaattgacctggaccaggctggacaggccccagggagac  360

Qy   5675 ccaggaggggctgcaggggagctgggcacccctgggcgggggagcggggaacagctgaaac 5734
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    361 ccaggaggggctgcaggggagctgggcacccctgggcgggggagcggggaccagctggaaac 420
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Qy  5735 ccaaccagagagtgtggagactgcctacagcaagccaacctccctccgagacaagtcagttctgga 5794
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Db   421 ccaaccagagagttggagactgcctacagcaagccaacctccctccgagacaagtcagttctgga 480

Qy  5795 ggaagaagaagcgactaagccaagaaaaatgagaatctgtgccagaggtggaaagcag 5854
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Db   481 ggaagaagaagcgactaagccaagaaaaatgagaatctggccaggaggttggaaagcag 540

Qy  5855 cagccaggaggtagcaaggctgagaaggggccagtgtgtccccgagaccgagaccactgctcg 5914
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Db   541 cagccaggaggtagcaaggctgagaaggggccagtgtgtccccgagaccgagaccactgctcg 600

Qy  5915 ggctgtgccaccaggctccagagaag 5940
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Db   601 ggctgtgccacaggctccagagaag 626
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RESULT 2
PCT-US01-30412-1
Sequence 1, Application PC/TUS0130412
; GENERAL INFORMATION:
;   APPLICANT: Genaissance Pharmaceuticals, Inc.
;   APPLICANT: Bentivegna, Steven C.
;   APPLICANT: Choi, Julie Y.
;   APPLICANT: Russo, David P.
;   TITLE OF INVENTION: HAPLOTYPES OF THE CASP2 GENE
;   FILE REFERENCE: CASP2_MKH1435-PCT
;   CURRENT APPLICATION NUMBER: PCT/US01/30412
;   CURRENT FILING DATE: 2000-09-27
;   PRIOR APPLICATION NUMBER: 60/235,801
;   PRIOR FILING DATE: 2000-09-27
;   NUMBER OF SEQ ID NOS: 26
;   SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
;   LENGTH: 14748
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: allele
;   LOCATION: (73)..(73)
;   OTHER INFORMATION: PS1: polymorphic base A or G
;   NAME/KEY: allele
;   LOCATION: (148)..(148)
;   OTHER INFORMATION: PS2: polymorphic base G or A
;   NAME/KEY: allele
;   LOCATION: (3052)..(3052)
;   OTHER INFORMATION: PS3: polymorphic base T or C
;   NAME/KEY: allele
;   LOCATION: (3233)..(3233)
;   OTHER INFORMATION: PS4: polymorphic base C or T
PCT-US01-30412-1

Query Match 0.8%; Score 48; DB 1; Length 14748;
Best Local Similarity 100.0%; Pred. No. 8.4e-13;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

PCT-US01-30411-1
RESULT 3
PCT-US01-30411-1
Sequence 1, Application PC/TUS0130411
; GENERAL INFORMATION:
;   APPLICANT: Genaissance Pharmaceuticals, Inc.
;   APPLICANT: Choi, Julie Y
;   APPLICANT: Kliem, Stefanie E
;   APPLICANT: Koshy, Beena
;   APPLICANT: Parks, Katie E
;   APPLICANT: Stephens, J. Claiborne

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Qy  1333 tgcaacctctgcctcccaggttcaagcaattctcctgtctcagcctcc 1380
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Db  8080 tgcaacctctgcctcccaggttcaagcaattctcctgtctcagcctcc 8127
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;   TITLE OF INVENTION: HAPLOTYPES OF THE TCF2 GENE
;   FILE REFERENCE: TCF2_MWH-1439PCT
;   CURRENT APPLICATION NUMBER: PCT/US01/30411
;   CURRENT FILING DATE: 2001-09-27
;   PRIOR APPLICATION NUMBER: 60/235,710
;   PRIOR FILING DATE: 2000-09-27
;   NUMBER OF SEQ ID NOS: 36
;   SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
;   LENGTH: 65507
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: allele
;   LOCATION: (3894)..(3894)
;   OTHER INFORMATION: PS1: polymorphic base G or A
;   NAME/KEY: allele
;   LOCATION: (4444)..(4444)
;   OTHER INFORMATION: PS1: polymorphic base T or G
;   NAME/KEY: allele
;   LOCATION: (15428)..(15428)
;   OTHER INFORMATION: PS2: polymorphic base T or G
;   NAME/KEY: allele
;   LOCATION: (43779)..(43779)
;   OTHER INFORMATION: PS3: polymorphic base G or A
;   NAME/KEY: allele
;   LOCATION: (44004)..(44004)
;   OTHER INFORMATION: PS4: polymorphic base G or A
;   NAME/KEY: allele
;   LOCATION: (44004)..(44004)
;   OTHER INFORMATION: PS5: polymorphic base C or T
;   NAME/KEY: allele
;   LOCATION: (44043)..(44043)
;   OTHER INFORMATION: PS6: polymorphic base T or C
PCT-US01-30411-1

Query Match 0.7%; Score 44; DB 1; Length 65507;
Best Local Similarity 100.0%; Pred. No. 6.1e-11;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy  1326 agctcactgcaacctctgcctcccaggttcaagcaattctcctg 1369
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Db 32795 agctcactgcaacctctgcctcccaggttcaagcaattctcctg 32838
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RESULT 4
US-09-772-553-418
Sequence 418, Application US/09772553
; GENERAL INFORMATION:
;   APPLICANT: Zambrowicz, Brian
;   APPLICANT: Sands, Arthur T.
;   TITLE OF INVENTION: Novel Human Polynucleotides and the
;   TITLE OF INVENTION: Polypeptides Encoded Thereby
;   FILE REFERENCE: LEX-0124-USA
;   CURRENT APPLICATION NUMBER: US/09/772,553
;   CURRENT FILING DATE: 2001-09-24
;   PRIOR APPLICATION NUMBER: US 60/179,316
;   PRIOR FILING DATE: 2000-01-31
;   NUMBER OF SEQ ID NOS: 696
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 418
;   LENGTH: 346
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-772-553-418

Query Match 0.7%; Score 43; DB 5; Length 346;
Best Local Similarity 100.0%; Pred. No. 1.5e-10;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy  1327 gctcactgcaacctctgcctcccaggttcaagcaattctcctg 1369
         |||||||||||||||||||||||||||||||||||||||||||
Db   50 gctcactgcaacctctgcctcccaggttcaagcaattctcctg 92
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RESULT 5
US-09-922-340-3256/c
; Sequence 3256, Application US/09922340
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
; FILE REFERENCE: 20411-726CON2
; CURRENT APPLICATION NUMBER: US/09/922,340
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 09/353,690
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/004,182
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 12181
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3256
; LENGTH: 422
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(422)
; OTHER INFORMATION: n = A,T,C or G
US-09-922-340-3256

Query Match   0.7%; Score 43; DB 5; Length 422;
Best Local Similarity 100.0%; Pred. No. 1.5e-10;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1327 gctcactgcaacctctgcctcccaggttcaagcaattctcctg 1369
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Db   298 GCTCACTGCAACCTCTGCCTCCCAGGTTCAAGCAATTCTCCTG 256

RESULT 6
US-09-922-340-3189/c
; Sequence 3189, Application US/09922340
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
; FILE REFERENCE: 20411-726CON2
; CURRENT APPLICATION NUMBER: US/09/922,340
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 09/353,690
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/004,182
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 12181
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3189
; LENGTH: 423
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(423)
; OTHER INFORMATION: n = A,T,C or G
US-09-922-340-3189

Query Match   0.7%; Score 43; DB 5; Length 423;
Best Local Similarity 100.0%; Pred. No. 1.5e-10;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1327 gctcactgcaacctctgcctcccaggttcaagcaattctcctg 1369
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Db   298 GCTCACTGCAACCTCTGCCTCCCAGGTTCAAGCAATTCTCCTG 256

RESULT 7
US-09-922-340-3190/c
; Sequence 3190, Application US/09922340
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
; FILE REFERENCE: 20411-726CON2
; CURRENT APPLICATION NUMBER: US/09/922,340
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 09/353,690
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/004,182
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 12181
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3190
; LENGTH: 448
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(448)
; OTHER INFORMATION: n = A,T,C or G
US-09-922-340-3190

Query Match   0.7%; Score 43; DB 5; Length 448;
Best Local Similarity 100.0%; Pred. No. 1.5e-10;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 8
US-09-973-278-930
; Sequence 930, Application US/09973278
; GENERAL INFORMATION:
; APPLICANT: Fischer et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: P2010P2
; CURRENT APPLICATION NUMBER: US/09/973,278
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/239,899
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 09/227,357
; PRIOR FILING DATE: 1999-01-08
; PRIOR APPLICATION NUMBER: PCT/US98/13684
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/051,926
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,925
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,793
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,931
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,929
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,932
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,803
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,732
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,916
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,930
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,918
; PRIOR FILING DATE: 1997-07-08

RESULT 9
Sequence 1, Application PC/TUS0130877
PCT-US01-30877-1/c

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Qy   1327 gctcactgcaacctctgcctcccaggttcaagcaattctcctg 1369
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Db  24854 gctcactgcaacctctgcctcccaggttcaagcaattctcctg 24896
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Query Match   Best Local Similarity   100.0%;   Score 43;   DB 5;   Length 38855;
Matches 43;   Conservative 0;   Mismatches 0;   Pred. No. 1.7e-10;   Indels 0;   Gaps 0;

US-09-973-278-930
SEQ ID NO 930
LENGTH: 38855
TYPE: DNA
ORGANISM: Homo sapiens

SOFTWARE: PatentIn Ver. 2.0
NUMBER OF SEQ ID NOS: 947
PRIOR APPLICATION NUMBER: 60/058,661
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/058,660
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/058,664
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/058,785
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/055,954
PRIOR FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,947
PRIOR FILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,984
PRIOR FILING DATE: 1997-08-18
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PRIOR FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: 60/052,795
PRIOR FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: 60/052,733
PRIOR FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: 60/051,920
PRIOR FILING DATE: 1997-07-08

GENERAL INFORMATION:
APPLICANT: Genaissance Pharmaceuticals, Inc.
APPLICANT: Kazemi, Amir
APPLICANT: Klem, Stefanie E
APPLICANT: Lanz, Elizabeth M
APPLICANT: Messer, Chad
APPLICANT: Tanguay, Debra A
TITLE OF INVENTION: HAPLOTYPES OF THE POR GENE
FILE REFERENCE: POR_MWH-0969PCT
CURRENT APPLICATION NUMBER: PCT/US01/30877

CURRENT FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/236,449
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 134
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 39287
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
LOCATION: (226635)..(226635)
OTHER INFORMATION: PS1: polymorphic base G or A
NAME/KEY: allele
LOCATION: (29577)..(29577)
OTHER INFORMATION: PS2: polymorphic base C or T
NAME/KEY: allele
LOCATION: (29754)..(29754)
OTHER INFORMATION: PS3: polymorphic base C or T
NAME/KEY: allele
LOCATION: (30427)..(30427)
OTHER INFORMATION: PS4: polymorphic base C or T
NAME/KEY: allele
LOCATION: (31531)..(31531)
OTHER INFORMATION: PS5: polymorphic base G or A
NAME/KEY: allele
LOCATION: (31644)..(31644)
OTHER INFORMATION: PS6: polymorphic base C or T
NAME/KEY: allele
LOCATION: (31648)..(31648)
OTHER INFORMATION: PS7: polymorphic base C or T
NAME/KEY: allele
LOCATION: (32446)..(32446)
OTHER INFORMATION: PS8: polymorphic base A or G
NAME/KEY: allele
LOCATION: (32478)..(32478)
OTHER INFORMATION: PS9: polymorphic base C or T
NAME/KEY: allele
LOCATION: (33538)..(33538)
OTHER INFORMATION: PS10: polymorphic base C or G
NAME/KEY: allele
LOCATION: (33551)..(33551)
OTHER INFORMATION: PS11: polymorphic base G or A
NAME/KEY: allele
LOCATION: (33571)..(33571)
OTHER INFORMATION: PS12: polymorphic base C or T
NAME/KEY: allele
LOCATION: (34766)..(34766)
OTHER INFORMATION: PS13: polymorphic base C or T
NAME/KEY: allele
LOCATION: (34797)..(34797)
OTHER INFORMATION: PS14: polymorphic base C or T
NAME/KEY: allele
LOCATION: (34796)..(34796)
OTHER INFORMATION: PS15: polymorphic base T or C
NAME/KEY: allele
LOCATION: (34850)..(34850)
OTHER INFORMATION: PS16: polymorphic base C or G
NAME/KEY: allele
LOCATION: (35325)..(35325)
OTHER INFORMATION: PS17: polymorphic base G or A
NAME/KEY: allele
LOCATION: (35631)..(35631)
OTHER INFORMATION: PS18: polymorphic base T or C
NAME/KEY: allele
LOCATION: (35632)..(35632)
OTHER INFORMATION: PS19: polymorphic base G or T
NAME/KEY: allele
LOCATION: (35721)..(35721)
OTHER INFORMATION: PS20: polymorphic base C or T
NAME/KEY: allele
LOCATION: (35774)..(35774)
OTHER INFORMATION: PS21: polymorphic base T or C
```

```
; NAME/KEY: allele
; LOCATION: (35992)..(35992)
; OTHER INFORMATION: PS22: polymorphic base C or T
; NAME/KEY: allele
; LOCATION: (36054)..(36054)
; OTHER INFORMATION: PS23: polymorphic base C or G
; NAME/KEY: allele
; LOCATION: (36207)..(36207)
; OTHER INFORMATION: PS24: polymorphic base C or G
; NAME/KEY: allele
; LOCATION: (36330)..(36330)
; OTHER INFORMATION: PS25: polymorphic base G or A
; NAME/KEY: allele
; LOCATION: (36617)..(36617)
; OTHER INFORMATION: PS26: polymorphic base T or C
; OTHER INFORMATION: PCT-US01-30877-1

RESULT 10
US-09-922-340-312/c
Sequence 312, Application US/09922340
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
; FILE REFERENCE: 20411-726CON2
; CURRENT APPLICATION NUMBER: US/09/922,340
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 09/353,690
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/004,182
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 12181
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 312
; LENGTH: 426
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(426)
; OTHER INFORMATION: n = A,T,C or G
US-09-922-340-312

Query Match             0.7%;  Score 43;  DB 1;  Length 39287;
Best Local Similarity   100.0%;  Pred. No. 1.7e-10;
Matches   43;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    1327 gctcactgcaacctcctgcctcccaggttcaagcaattcctg 1369
           ||||||||||||||||||||||||||||||||||||||||||
Db   33374 GCTCACTGCAACCTCTGCCTCCCAGGTTCAAGCAATTCTCCTG 33332
```

```
Query Match             0.7%;  Score 42;  DB 5;  Length 426;
Best Local Similarity   100.0%;  Pred. No. 4.3e-10;
Matches   42;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    1459 ggctggtcttgaactcctgacctcaggtgatccaccaactc 1500
           ||||||||||||||||||||||||||||||||||||||||
Db     115 GGCTGGTCTTGAACTCCTGACCTCAGGTGATCCACCACCTC 74

RESULT 11
US-09-795-668-546/c
Sequence 546, Application US/0979568
; GENERAL INFORMATION:
; APPLICANT: Stefansson, Hreinn
; APPLICANT: Steinthorsdottir, Valgerdur
; APPLICANT: Gulcher, Jeffrey R.
; TITLE OF INVENTION: HUMAN SCHIZOPHRENIA GENE
; FILE REFERENCE: 2345.2004-001
; CURRENT APPLICATION NUMBER: US/09/795,668
```

```
; CURRENT FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 09/515,716
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 1531
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 546
; LENGTH: 401
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-795-668-546

Query Match             0.7%;  Score 41;  DB 5;  Length 401;
Best Local Similarity   100.0%;  Pred. No. 1.2e-09;
Matches   41;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    1493 cccacctcagcctcctaaagtgctgggattacaggcatgag 1533
           |||||||||||||||||||||||||||||||||||||||||
Db     189 CCCACCTCAGCCTCCTAAAGTGCTGGGATTACAGGCATGAG 149

RESULT 12
US-09-922-340-4105/c
Sequence 4105, Application US/09922340
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
; FILE REFERENCE: 20411-726CON2
; CURRENT APPLICATION NUMBER: US/09/922,340
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 09/353,690
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/004,182
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 12181
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4105
; LENGTH: 478
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(478)
; OTHER INFORMATION: n = A,T,C or G
US-09-922-340-4105
```

```
Query Match             0.7%;  Score 41;  DB 5;  Length 478;
Best Local Similarity   100.0%;  Pred. No. 1.2e-09;
Matches   41;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    1459 ggctggtcttgaactcctgacctcaggtgatccaccaacct 1499
           |||||||||||||||||||||||||||||||||||||||||
Db     110 GGCTGGTCTTGAACTCCTGACCTCAGGTGATCCACCACCT 70

RESULT 13
US-09-922-340-2868/c
Sequence 2868, Application US/09922340
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
; FILE REFERENCE: 20411-726CON2
; CURRENT APPLICATION NUMBER: US/09/922,340
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 09/353,690
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/004,182
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 12181
; SOFTWARE: FastSEQ for Windows Version 3.0
```

```
;   SEQ ID NO 2868
;   LENGTH: 438
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (1)..(438)
;   OTHER INFORMATION: n = A,T,C or G
US-09-922-340-2868

Qy      1459 ggctggtcttgaactcctgacctcaggtgatccacccac 1497
             |||||||||||||||||||||||||||||||||||||||
Db       225 GGCTGGTCTTGAACTCCTGACCTCAGGTGATCCACCCAC 187

Query Match         0.6%;  Score 39;  DB 5;  Length 438;
Best Local Similarity   100.0%;
Matches   39;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;


RESULT 14
US-09-922-340-437/c
Sequence 437, Application US/09922340
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
FILE REFERENCE: 20411-726CON2
CURRENT APPLICATION NUMBER: US/09/922,340
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: 09/353,690
PRIOR FILING DATE: 1999-07-14
PRIOR APPLICATION NUMBER: US 09/004,182
PRIOR FILING DATE: 1998-01-07
NUMBER OF SEQ ID NOS: 12181
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 437
;   LENGTH: 451
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (1)..(451)
;   OTHER INFORMATION: n = A,T,C or G
US-09-922-340-437

Qy      1339 ctctgcctcccaggttcaagcaattctcctgtctccagcc 1377
             ||||||||||||||||||||||||||||||||||||||||
Db       274 CTCTGCCTCCCAGGTTCAAGCAATTCTCCTGTCTCCAGCC 236

Query Match         0.6%;  Score 39;  DB 5;  Length 451;
Best Local Similarity   100.0%;
Matches   39;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;


RESULT 15
US-09-922-340-4088
Sequence 4088, Application US/09922340
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
TITLE OF INVENTION: From cDNA Libraries Of Fetal Liver-Spleen and Infant Brain
FILE REFERENCE: 20411-726CON2
CURRENT APPLICATION NUMBER: US/09/922,340
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: 09/353,690
PRIOR FILING DATE: 1999-07-14
PRIOR APPLICATION NUMBER: US 09/004,182
PRIOR FILING DATE: 1998-01-07
NUMBER OF SEQ ID NOS: 12181
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4088
```

```
;   LENGTH: 481
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (1)..(481)
;   OTHER INFORMATION: n = A,T,C or G
US-09-922-340-4088

Qy      1327 gctcactgcaaacctctgcctcccaggttcaagcaattct 1365
             ||||||||||||||||||||||||||||||||||||||||
Db       285 GCTCACTGCAAACCTCTGCCTCCCAGGTTCAAGCAATTCT 323

Query Match         0.6%;  Score 39;  DB 5;  Length 481;
Best Local Similarity   100.0%;
Matches   39;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;


Search completed: November  9, 2001, 03:34:42
Job time: 11680 sec
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